

ART. VIII.—*Catalogue of the Marine Shells of Victoria.*

PART IV.

By G. B. PRITCHARD AND J. H. GATLIFF.

[Read 14th June, 1900.]

The present paper refers to sixty-five species, comprising the following families:—Solariidae, Adeorbidae, Scalidae, Ianthinidae, Trichotropidae, Caecidae, Eulimidae, Pyramidellidae, Turbonilidae, and part of the Cerithiidae.

The previous parts of this Catalogue have appeared as follows:—

Part I., published May, 1898, containing 85 species.

Part II., published February, 1899, containing 59 species.

Part III., published April, 1900, containing 78 species.

The total number of species now indicated as occurring on our shores amounts to 287; but, since the publication of the above parts, some additional material belonging to the genera therein treated has been collected, including a few new species, these will be referred to later in an appendix.

Family SOLARIIDAE,

Genus *Solarium*, Lamarck, 1799.

SOLARIUM LUTEUM, Lamarck.

1839. *Solarium luteum*, Lamarck. Anim. S. Vert. (edit. Deshayes and Edwards), vol. iii., p. 538.
1841. *Solarium luteum*, Delessert. Recueil de coquilles décrites par Lamarck, pl. 34, f. 2, *a, b, c*.
1843. *Solarium luteum*, Lamarck. Anim. S. Vert. (edit. Deshayes), vol. ix., p. 100.
1863. *Solarium* (*Philippia*)^{*} *luteum*, Sowerby. Thes. Conch., vol. iii., p. 237, pl. 253, f. 52-54.
1864. *Solarium luteum*, Reeve. Conch. Icon., vol. xv., pl. 3, f. 14.

1880. *Philippia lutea*, Hutton. Man. N.Z. Moll., p. 70.

1887. *Solarium (Philippia) luteum*, Tryon. Man. Conch.,
vol. ix., p. 16, pl. 5, f. 71, 72.

Hab.—Western Port; Portland (Maplestone); Port Phillip.

Family ADEORBIDAE.

Genus *Adeorbis*, S. Wood, 1842.

ADEORBIS VINCENTIANA, Angas.

1880. *Adeorbis vincentiana*, Angas. P.Z.S. Lond., p. 417.,
pl. 40, f. 9.

1888. *Adeorbis vincentianus*, Tryon. Man. Conch., vol. x.,
p. 86, pl. 30, f. 100.

Hab.—Flinders, San Remo.

ADEORBIS, n. sp.

Hab.—Sorrento (G.B.P.).

Obs.—This species, as far as we have hitherto been able to examine it, appears new.

Note.—With regard to the position of *Adeorbis*, Woodward refers it to the Turbinidae, whereas Fischer and others refer to it as typifying a separate group of family value, namely, Adeorbidae, at the same time removing it from the neighbourhood of Turbinidae or Trochidae, and placing it near Ianthinidae and Sclalaridae. Tryon, again, includes *Adeorbis* in the family Solaridae, and Professor Tate includes it in the Cyclostremidae, while Adcock, in his "Hand List of the Aquatic Mollusca of South Australia," refers to Adeorbidae as a separate family in the neighbourhood of Cyclostremidae and Turbinidae.

In view of these conflicting opinions, it is a somewhat difficult matter to know what to do, especially as we have not had any opportunity as yet of examining living specimens, we, therefore, find it most convenient at present to follow Fischer.

Family IANTHINIDAE.

Genus *Ianthina*, Bolton, 1798.

IANTHINA EXIGUA, Lamarck.

1839. *Ianthina exigua*, Lamarck. Anim. S. Vert. (3rd
ed. Deshayes and Edwards), vol. iii., p. 505.

1843. *Ianthina exigua*, Lamarck. Anim. S. Vert., vol. ix.,
p. 5.
1858. *Ianthina exigua*, Reeve. Conch. Icon., vol. xi., pl. 5,
f. 21, *a*, *b*.
1882. *Ianthina exigua*, Sowerby. Thes. Conch., vol. v.,
p. 51, pl. 444, f. 23, 24.
1887. *Ianthina exigua*, Tryon. Man. Conch., vol. ix.,
p. 37, pl. 10, f. 17.

Hab.—Curdie's Inlet.

IANTHINA STRIOLATA, Adams and Reeve.

1848. *Ianthina striolata*, Adams and Reeve. Samarang,
p. 54, pl. 11, f. 9.
1858. *Ianthina striolata*, Reeve. Conch. Icon., vol. xi.,
pl. 5, f. 24, *a*, *b*.
1882. *Ianthina striolata*, Sowerby. Thes. Conch., vol. v.,
p. 51, pl. 444, f. 19.
1887. *Ianthina striolata*, Tryon. Man. Conch., vol. ix.,
p. 37, pl. 10, f. 16.

Hab.—Portland (Maplestone).

Obs.—Tryon's treatment of this species is particularly confusing, on account of the great number of synonyms recognised by him, some of which we do not agree with, and the remainder we are unable to verify.

IANTHINA BALTEATA, Reeve.

1858. *Ianthina balteata*, Reeve. Conch. Icon., vol. xi.,
pl. 3, f. 11, *a*, *b*.
1882. *Ianthina balteata*, Sowerby. Thes. Conch., vol. v.,
p. 50, pl. 443, f. 12.
1887. *Ianthina balteata*, Tryon. Man. Conch., vol. ix.,
p. 36, pl. 9, f. 98.

Hab.—Portland (Maplestone).

Obs.—The remarks made upon the preceding species will apply here also.

IANTHINA COMMUNIS, Lamarck.

1839. *Ianthina communis*, Lamarck. Anim. S. Vert.,
(3rd ed., Deshayes and Edwards), vol. iii.,
p. 504.

1843. *Janthina communis*, Lamarck. Anim. S. Vert., vol. ix., p. 4.
 1858. *Janthina communis*, Reeve. Conch. Icon., vol. xi., pl. 1, f. 5a, 5b.
 1880. *Ianthina communis*, Hutton. Man. N.Z. Moll., p. 71.
 1882. *Ianthina communis*, Sowerby. Thes. Conch., vol. v., p. 50, pl. 443, f. 7.
 1883. *Ianthina communis*, Tryon. Syst. and Struct. Conch., vol. ii., p. 222, pl. 67, f. 49.
 1887. *Ianthina communis*, Tryon. Man. Conch., vol. ix., p. 36, pl. 9, f. 99.

Hab.—Gabo Island (E. O. Thiele).

Obs.—Tryon considers this to be conspecific with *I. fragilis*, Lamarck; but both Reeve and Sowerby distinctly state that it differs from that species—with which opinion we agree.

Family TRICHOTROPIDAE.

Genus *Trichotropis*, Broderip and Sowerby, 1829.

TRICHOTROPIS GABRIELI, Pritchard and Gatliff.

1889. *Trichotropis gabrieli*, Pritchard and Gatliff. P.R.S. Vic., p. 183, pl. 20, f. 7.

Hab.—Swan Bay Channel, off Phillip Island, Western Port. Dredged in about 4 fathoms (J. Gabriel).

Obs.—The type of this species is in Mr. Gatliff's private collection.

Family SCALIDAE.

Genus *Scala*, Klein, 1753.

SCALA AUSTRALIS, Lamarck.

1839. *Scalaria australis*, Lamarck. Anim. S. Vert. (3rd ed. Deshayes and Edwards), vol. iii., p. 529.
 1841. *Scalaria australis*, Delessert. Recueil de coquilles décrites par Lamarck, pl. 33, f. 11.
 1843. *Scalaria australis*, Lamarck. Anim. S. Vert., vol. ix., p. 76.
 1844. *Scalaria australis*, Sowerby. Thes. Conch., vol. i., p. 103, pl. 35, f. 135.

1874. *Scalaria australis*, Reeve. *Conch. Icon.*, vol. xix.,
pl. 1, f. 3.

1887. *Scalaria (Opalia) australis*, Tryon. *Man. Conch.*,
vol. ix., p. 76, pl. 16, f. 90.

Hab.—Portland; Port Fairy; Warrnambool; Cape Otway;
Lorne; Puebla Coast; Port Phillip; Western Port; Anderson's
Inlet.

SCALA GRANOSA, Quoy and Gaimard.

1834. *Turritella granosa*, Quoy and Gaimard. *Astrolabe*,
vol. iii., p. 138, pl. 55, f. 29, 30.

1844. *Scalaria granulosa*, Sowerby. *Thes. Conch.*, vol. i.,
p. 104, pl. 35, f. 144.

1873. *Scalaria granulata*, Reeve. *Conch. Icon.*, vol. xix.,
pl. 5, f. 35.

1887. *Scalaria (Acirsa) granulosa*, Tryon. *Man. Conch.*,
vol. ix., p. 80, pl. 16, f. 11.

Hab.—Same as preceding species, but rather less abundant.

SCALA JUKESIANA, Forbes.

1852. *Scalaria jukesiana*, Forbes. *Appendix Voyage of
the Rattlesnake*, vol. ii., p. 383, pl. 3, f. 7.

1864. *Scalaria delicatula*, Crosse and Fischer. *Jour. d.
Conch.*, vol. iv., ser. 3, p. 347.

1864. *Scalaria consors*, Crosse and Fischer. *Id.*

1865. *Scalaria delicatula*, Crosse and Fischer. *Id.*, p. 42,
pl. 3, f. 9, 10.

1865. *Scalaria consors*, Crosse and Fischer. *Id.*, p. 43,
pl. iii., f. 11, 12.

1873. *Scalaria jukesiana*, Reeve. *Conch. Icon.*, vol. xix.,
pl. 11, f. 80.

1874. *Scalaria delicatula*, Reeve. *Id.*, pl. 15, f. 115.

1887. *Scalaria (Clathrus) jukesiana*, Tryon. *Man.
Conch.*, vol. ix., p. 66, pl. 14, f. 20.

1887. *Scalaria (Clathrus) delicatula*, Tryon. *Id.*, p. 69,
pl. 14, f. 39.

Hab.—Port Phillip; Western Port; Portland (Maplestone);
Barwon Heads; Puebla Coast.

Obs.—There is little doubt but that the species included
above are synonymous, especially when we find an even greater

amount of individual variation allowed in other species of this genus.

SCALIA PHILIPPINARUM, Sowerby.

1844. *Scalaria philippinarum*, Sowerby. P.Z.S. Lond., p. 12.
 1844. *Scalaria philippinarum*, Sowerby. Thes. Conch., vol. i., p. 86, pl. 32, f. 1-3.
 1873. *Scalaria philippinarum*, Reeve. Conch. Icon., vol. xix., pl. 4, f. 21.
 1887. *Scalaria (Clathrus) philippinarum*, Tryon. Man. Conch., vol. ix., p. 66, pl. 13, f. 18, 19.

Hab.—Western Port; Port Phillip; Airey's Inlet; Puebla Coast.

Genus *Crossea*, A. Adams, 1865.

CROSSEA CONCINNA, Angas.

1867. *Crossea concinna*, Angas. P.Z.S. Lond., p. 911, pl. 44, f. 14.
 1887. *Scalaria (Crosseia) concinna*, Tryon. Man. Conch., vol. ix., p. 85, pl. 17, f. 45.

Hab.—Western Port; Sorrento; Altona Bay (F. E. Grant).

Family CAECIDAE.

Genus *Caecum*, Fleming, 1817.

CAECUM, sp.

Hab.—Port Albert (T. Worcester).

Obs.—We have not yet determined as to whether the species before us has been described, but think it probable that it is a new one, and most likely will come under the sub-genus *Meioceras*, Carpenter.

Family EULIMIDAE.

Genus *Eulima*, Risso, 1826.

EULIMA AUGUR, Angas.

1865. *Eulima augur*, Angas. P.Z.S. Lond., p. 56.
 1866. *Eulima augur*, Reeve. Conch. Icon., vol. xv., pl. 6, f. 47, a, b.
 1866. *Eulima proxima*, Sowerby, Reeve. *Id.*, f. 48.

1886. *Eulima augur*, Tryon. *Man. Conch.*, vol. viii.,
p. 269, pl. 68, f. 10.

1886. *Eulima proxima*, Tryon. *Id.*, f. 11.

1898. *Eulima augur*, Tate. *T.R.S. S.A.*, vol. xxii., pt. 1,
p. 80.

Hab.—Western Port ; Port Phillip.

Obs.—Professor Tate, in the reference above given, states that he has compared the types at the British Museum of *E. augur* and *E. proxima* ; he considers them one species. We, therefore, cite the shell as above. The type of *E. augur* was obtained from South Australia by Angas, and the type of *E. proxima* was got in Port Jackson.

EULIMA TENISONI, Tryon.

1875. *Eulima micans*, T. Woods (non Carpenter). *P.R.S. Tas.*, p. 144.

1886. *Eulima tenisoni*, Tryon. *Man. Conch.*, vol. viii.,
p. 269, pl. 68, f. 16.

1898. *Eulima tenisoni*, Tate. *T.R.S. S.A.*, vol. xxii., pt.
1, p. 81.

Hab.—Western Port.

EULIMA MARGINATA, T. Woods.

1878. *Eulima marginata*, T. Woods. *P.R.S. Tas.*, p. 40.

1886. *Eulima marginata*, Tryon. *Man. Conch.*, vol. viii.,
p. 278.

Hab.—Flinders, Western Port.

EULIMA INDISCRETA, Tate.

1898. *Eulima indiscreta*, Tate. *T.R.S. S.A.*, vol. xxii.,
pt. i., p. 82, pl. 4, f. 3.

Hab.—Flinders, Western Port.

EULIMA COMMENSALIS, Tate.

1898. *Eulima commensalis*, Tate. *T.R.S. S.A.*, vol. xxii.,
pt. i., p. 82, pl. 4, f. 2.

Hab.—Flinders, Western Port.

EULIMA MUCRONATA, Sowerby.

1866. *Eulima mucronata*, Sowerby. *Conch. Icon.*, vol.
xv., pl. 6, f. 42.

1886. *Eulima* (*Mucronalia*) *mucronata*, Tryon. Man.
Conch., vol. viii., p. 284, pl. 70, f. 5.

Hab.—Western Port; Port Phillip; Puebla Coast.

EULIMA COXI, Pilsbry.

1899. *Eulima* (*Hypermastus*) *coxi*, Pilsbry. Proc. Acad.
Nat. Sci. Philad., p. 258, pl. 11, f. 3, 4.

Hab.—Shoreham, Western Port.

NOTE.—We have three other specimens of *Eulima*, which may prove to be undescribed, but two are very minute and possibly young shells, the other has lost its apex, so we refrain from describing them until we obtain more specimens.

Genus *Leiostraca*, H. and A. Adams, 1853.

LEIOSTRACA ACUTISSIMA, Sowerby.

1866. *Leiostraca acutissima*, Sowerby. Conch. Icon.,
vol. xv., pl. 2, f. 10.

1886. *Eulima* (*Subularia*) *acutissima*, Tryon. Man.
Conch., vol. viii., p. 281, pl. 70, f. 89.

Hab.—Western Port; Port Phillip.

Genus *Stylifer*, Broderip, 1832.

STYLIFER CROTAPHIS, Watson.

1886. *Stylifer crotaphis*, Watson. Chall. Zool., vol. xv.,
p. 525, pl. 37, f. 10.

Hab.—Off East Moncoeur Island, Bass Strait, 38 to 40 fathoms sand and shells (Challenger).

STYLIFER IMMACULATA, Pritchard and Gatliff.

1900. *Stylifer immaculata*, Pritchard and Gatliff. P.R.S.
Vic., vol. xiii, pt. i., n.s., p. 137, pl. 21, f. 2.

Hab.—Shoreham, Western Port.

STYLIFER ROBUSTA, Petterd.

1884. *Stylifer robusta*, Petterd. Jour. of Conch., p. 140,
No. 22.

1886. *Stylifer robustus*, Tryon. Man. Conch., vol. viii.,
p. 293.

Hab.—Western Port.

STYLIFER LODDERAE, Petterd.

1984. *Stylifer lodderae*, Petterd. Jour. of Conch., p. 140, sp. No. 23.

1886. *Stylifer lodderae*, Tryon. Man. Conch., vol. viii., p. 293.

Hab.—Flinders, Western Port ; Port Phillip.

STYLIFER BRUNNEUS, Tate.

1888. *Stylifer brunneus*, Tate. T.R.S. S.A., p. 65, pl. 11, f. 9.

Hab.—Parasitic on *Strongylocentrotus*, invariably on the periproct, in eight to ten fathoms, Capel Sound, Port Phillip Heads (J. B. Wilson). Dredged off Rhyll, Phillip Island, Western Port, in about 6 fathoms (Gatliff and C. J. Gabriel).

Family PYRAMIDELLIDAE.

Genus *Pyramidella*, Lamarck, 1799.

PYRAMIDELLA BIFASCIATA, T. Woods.

1875. *Syrnola bifasciata*, T. Woods. P.R.S. Tas., p. 145.

1877. *Obeliscus jucundus*, Angas. P.Z.S. Lond., p. 173, pl. 24, f. 10.

1886. *Pyramidella (Lonchaeus) jucunda*, Tryon. Man. Conch., vol. viii., p. 303, pl. 73, f. 92.

1886. *Pyramidella bifasciata*, Tryon. *Id.*, p. 309.

Hab.—Western Port ; Port Phillip.

PYRAMIDELLA TINCTA, Angas.

1871. *Syrnola tinctoria*, Angas. P.Z.S. Lond., p. 15, pl. 1, f. 11.

1884. *Eulima aurantia*, Petterd. Jour. of Conch., p. 144.

1886. *Pyramidella (Syrnola) tinctoria*, Tryon. Man. Conch., vol. viii., p. 308, pl. 73, f. 24.

Hab.—Western Port ; Port Phillip ; Barwon Heads.

PYRAMIDELLA JONESIANA, Tate.

1898. *Odontostomia (Syrnola) jonesiana*, Tate. T.R.S. S.A., p. 70 and p. 82, where it is figured.

Hab.—Flinders, Western Port.

Family TURBONILLIDAE.

Genus *Turbonilla*, Risso, 1826.

TURBONILLA (ONDINA) MICRA, Pritchard and Gatliff.

1900. *Turbonilla* (*Ondina*) *micra*, Pritchard and Gatliff.
P.R.S. Vic., vol. xiii., pt. 1, n.s., p. 134.
pl. 21, f. 1.

Hab.—Dredged off Rhyll, Western Port; shell sand dredgings from 4 fathoms (Gatliff and Gabriel).

TURBONILLA (ONDINA) CASTA, A. Adams.

1851. *Monoptygma casta*, A. Adams. P.Z.S. Lond.,
p. 223.
1854. *Monoptygma casta*, Sowerby. Thes. Conch., vol. ii.,
p. 818, pl. 172, f. 22.
1878. *Rissoa* (*Ceratia*) *punctato-striata*, T. Woods. P.R.S.
Tas., p. 35.
1886. *Odostomia* (*Parthenia*) *casta*, Watson. Chall.
Zool., vol. xv., p. 487, No. 14, and p. 704.
1886. *Odostomia* (*Parthenia*) *casta*, Tryon. Man. Conch.,
vol. viii., p. 365 (in his list of unfigured
species).
1886. *Pyramidella* (*Actaeopyramis*) *casta*, Tryon. *Id.*,
p. 314, pl. 74, f. 45.
1899. *Adelactaeon concinna casta*, Tate. T.R.S. S.A.,
p. 236.

Hab.—Dredged, 38-40 fathoms, sand and shells; off East Moncoeur Island, Bass' Strait (Challenger); Hobson's Bay; Altona Bay (F. E. Grant); Port Phillip; Western Port.

Obs.—The type was obtained by A. Adams in the China seas; he also described a species from Moreton Bay as *Monoptygma concinna*, a very similar shell, and by many considered to be the same, but mentions it as having the outer lip lirate internally; this character does not occur in any of the specimens that we have obtained. Watson states that the types of *M. casta*, A. Adams, and *M. concinna*, A. Adams, are both in the British Museum, and are identical. We follow W. H. Dall in his paper on the Tertiary Molluscs of Florida, Part II., Transactions of the Wagner Institute, in classifying the two foregoing species.

TURBONILLA MARIAE, T. Woods.

1867. *Turbonilla nitida*, Angus (non A. Adams). P.Z.S. Lond., p. 112, pl. 13, f. 9.
1875. *Turbonilla mariae*, T. Woods. P.R.S. Tas., p. 144.
1876. *Turbonilla macleayana*, T. Woods. *Id.*, p. 151.
1877. *Turbonilla hofmani*, Angus. P.Z.S. Lond., p. 183.
1877. *Turbonilla angasi*, T. Woods. P.R.S. Tas., p. 34.
1886. *Turbonilla hofmani*, Tryon. Man. Conch., vol. viii., p. 334, pl. 76, f. 41, 42.
1886. *Turbonilla macleayana*, Tryon. *Id.*, f. 44.

Hab.—Port Phillip; Western Port; Barwon Heads; Puebla Coast; Anderson's Inlet.

Obs.—After his description of *T. macleayana*, T. Woods remarks, "It appears to me, however, in shells of such uniform character as *Turbonilla*, that we are often dealing with varieties instead of species, and the above may be a case in point." We consider the slight variation in this species insufficient to warrant separate designation, and, therefore, cite it as above.

TURBONILLA FUSCA, A. Adams.

1853. *Chemnitzia fusca*, A. Adams. P.Z.S. Lond., p. 181.
1877. *Elusa bifasciata*, T. Woods. P.R.S. Tas., p. 150.
1877. *Turbonilla festiva*, Angus (*non* Folin). P.Z.S. Lond., p. 35, pl. 5, f. 4.
1879. *Turbonilla erubescens*, Tate. T.R.S. S.A., p. 138, pl. 2, f. 10.
1886. *Turbonilla festiva*, Tryon. Man. Conch., vol. viii., p. 334, pl. 76, f. 45.
1886. *Turbonilla fusca*, Tryon. *Id.*, f. 46, 47.
1898. *Turbonilla erubescens*, Tate. T.R.S. S.A., p. 84.

Hab.—Flinders, Western Port; Port Phillip.

Obs.—This shell is sometimes wholly coloured reddish-brown, other specimens are of light colour, encircled by two narrow dark bands on the body whorl, one on the other whorls. In length it ranges from 4 to 6 mm.

TURBONILLA TASMANICA, T. Woods.

1875. *Turbonilla tasmanica*, T. Woods. P.R.S. Tas., p. 145.

1884. *Chemnitzia beddomei*, Petterd. *Jour. of Conch.*,
p. 136.
1886. *Turbonilla tasmanica*, Tryon. *Man. Conch.*, vol.
viii., p. 335, pl. 76, f. 40.
1892. *Turbonilla crenulifera*, Tate. *T.R.S. S.A.*, p. 126,
pl. 1, f. 2.
1898. *Turbonilla beddomei*, Tate. *Id.*, p. 85.

Hab.—Western Port.

Obs.—T. Woods described a shell larger than those subsequently named; they are 5 mm. in length, his are 7 mm.; it varies in breadth. Tryon's figure is too acute in form, Tate's is better, but appears to be somewhat more closely ribbed than our representative of the species.

TURBONILLA SPINA, Crosse and Fischer.

1864. *Turritella spina*, Crosse and Fischer. *Jour. de Conch.*, vol. xii., p. 347.
1865. *Turritella spina*, Crosse and Fischer. *Id.*, vol. xiii., p. 44, pl. 3, f. 13, 14.
1865. *Cingulina spina*, Angas. *P.Z.S. Lond.*, p. 169, No. 84.
1876. *Aclis tristriata*, T. Woods. *P.R.S. Tas.*, p. 22, No. 52.
1886. *Mathilda (Cingulina) spina*, Watson. *Chall. Zool.*, vol. xv., p. 499.
1886. *Turbonilla (Cingulina) spina*, Tryon. *Man. Conch.*, vol. viii., p. 338, pl. 76, f. 52.

Hab.—Port Phillip; Western Port.

Obs.—We have to thank Mr. C. Hedley, of the Australian Museum, Sydney, for calling our attention to the fact of the above species having been wrongfully identified in Adcock's Hand List of the Aquatic Mollusca of South Australia as *Mathilda (Cingulina) circinata*, Adams. This is a Japanese shell of similar habit but the base is lirate, a feature which is absent in our species.

TURBONILLA BREVIS, Pritchard and Gatliff.

1900. *Turbonilla brevis*, Pritchard and Gatliff. *P.R.S. Vic.*, vol. xiii., p. 1, n.s., p. 135, pl. 21, f. 4.

Hab.—Off Rhyll, Phillip Island; Western Port; obtained from shell sand from about 4 fathoms (Gatliff and Gabriel).

Obs.—The type of this species is in Mr. J. H. Gatliff's private collection.

Genus *Eulimella*, Forbes, 1846.

EULIMELLA MONILIFORME, Hedley and Musson.

1891. *Eulimella moniliforme*, Hedley and Musson. P.L.S. N.S.W., p. 247, pl. 19, f. 1-3.

1898. *Eulimella moniliformis*, Tate. T.R.S. S.A., p. 82.

Hab.—Port Fairy (Rev. W. T. Whan).

Genus *Odostomia*, Fleming, 1828.

ODOSTOMIA PETTERDI, Gatliff.

1884. *Obeliscus tasmanica*, Petterd (non T. Woods). Jour. of Conch., p. 140.

1886. *Pyramidella tasmanica*, Tryon. Man. Conch., vol. viii., p. 303.

1900. *Odostomia petterdi*, Gatliff. V.N., vol. xvii, No 3, p. 54.

Hab.—Western Port.

Obs.—This species is very nearly related to *O. laevis*, Angas but is not so solid, is flatter in the whorls, and more elongate.

ODOSTOMIA ANGASI, Tryon.

1867. *Odostomia lactea*, Angas (non Dunker). P.Z.S. Lond., p. 112.

1886. *Odostomia angasi*, Tryon. Man. Conch., vol. viii., p. 362, pl. 79, f. 68.

Hab.—Western Port.

ODOSTOMIA AUSTRALIS, Angus.

1871. *Agatha australis*, Angus. P.Z.S. Lond., p. 15, pl. 1, f. 9.

1886. *Pyramidella (Agatha) australis*, Tryon. Man. Conch., vol. viii., p. 309, pl. 74, f. 27.

Hab.—Port Phillip; Western Port.

ODOSTOMIA METCALFEI, Pritchard and Gatliff.

1900. *Odostomia metcalfei*, Pritchard and Gatliff. P.R.S.

Vic., vol. xiii., pt. 1, n.s., p. 136, pl. 21, f. 3.

Hab.—Flinders, Western Port (G. B. Pritchard).

Obs.—Reference to the notes already made on this species may be made to the previous paper containing its description. The type is in G. B. Pritchard's private collection.

NOTE.—We have six additional species of *Odostomia* from Western Port, as yet unidentified, and as we have been informed that Professor Tate and Mr. May will shortly issue a comprehensive paper on the Tasmanian marine shells, we wish to see if they treat of any of these forms before we go any further with them.

Family CERITHIIDAE.

Genus *Cerithium*, Adanson, 1757.

CERITHIUM MONACHUS, Crosse and Fischer.

1855. *Cerithium dubium*, Sowerby. *Thes. Conch.*, vol. ii., p. 864, pl. 181, f. 120 (non *C. dubium*, Sowerby. *Min. Conch.*, 1816).

1864. *Cerithium monachus*, Crosse and Fischer. *Jour. de Conch.*, p. 347, *Id.*, 1865, p. 45, pl. 3, f. 17, 18.

1865. *Cerithium dubium*, Reeve. *Conch. Icon.*, vol. xv., pl. 12, f. 78.

1880. *Cerithium eludens*, Bayle. *Jour. de Conch.*, p. 245.

1886. *Cerithium dubium*, Watson. *Chall.*, vol. xv., p. 502.

1887. *Cerithium eludens*, Tryon. *Man. Conch.*, vol. ix., p. 136, pl. 25, f. 63.

1887. *Cerithium* (*Liocerithium*) *monachus*, Tryon. *Id.*, p. 143, pl. 27, f. 21.

Hab.—Port Phillip; Western Port; Portland; Cape Otway Coast; Port Albert.

Obs.—Sowerby's shells were obtained from Van Diemen's Land. Crosse and Fischer re-described it in 1864 from South Australian specimens obtained by Mr. Angas. Bayle apparently overlooked the latter description, and re-named it as *C. eludens*.

to replace Sowerby's specific name, as it was already preoccupied by a fossil species in Sowerby's Mineral Conchology of 1816.

Genus **Ataxocerithium**, Tate, 1893.

ATAXOCERITHIUM SEROTINUM, A. Adams.

1855. *Cerithium serotina*, A. Adams. *Thes. Conch.*, vol. ii., p. 861, pl. 180, f. 102.
1855. *Cerithium rhodostoma*, A. Adams. *Id.*, f. 103.
1865. *Cerithium rhodostoma*, Reeve. *Conch. Icon.*, vol. xv., pl. 20, f. 143.
1865. *Cerithium serotinum*, Reeve. *Id.*, f. 146.
1887. *Cerithium serotinum*, Tryon. *Man. Conch.*, vol. ix., p. 141, pl. 27, f. 19, 20.
1893. *Ataxocerithium serotinum*, Tate. *J.R.S. N.S.W.*, p. 179.
1897. *Ataxocerithium serotinum*, Tate. *T.R.S. S.A.*, p. 42.
Hab.—Port Phillip; Western Port.

Genus **Bittium**, Gray, 1847.

BITTIUM GRANARIUM, Kiener.

- Cerithium granarium*, Kiener. *Icon. Coq. Viv.*, p. 72, pl. 19, f. 3.
1843. *Cerithium granarium*, Menke. *Moll. Nov. Holl.*, p. 20, No. 84.
1855. *Cerithium granarium*, Sowerby. *Thes. Conch.*, vol. ii., p. 879, pl. 184, f. 225-227.
1865. *Cerithium granarium*, Reeve. *Conch. Icon.*, vol. xv., pl. 19, f. 135.
1886. *Bittium granarium*, Watson. *Chall.*, vol. xv., p. 539.
1887. *Bittium granarium*, Tryon. *Man. Conch.*, vol. ix., p. 155, pl. 30, f. 98.

Hab.—Coast generally; alive on weedy sand banks.

BITTIUM CERITHIUM, Quoy and Gaimard.

1834. *Turritella cerithium*, Quoy and Gaimard. *Astrolabe*, vol. iii., p. 139, pl. 55, f. 27, 28.
1855. *Cerithium turritella*, Sowerby (non Quoy and Gaimard). *Thes. Conch.*, vol. ii., p. 882, pl. 185, f. 255, 256.

1887. *Potamides* (*Cerithidea*) *turritella*, Tryon (non Quoy and Gaimard). *Man. Conch.*, vol. ix., p. 163, pl. 34, f. 93, 94.

1897. *Batillaria cerithium*, Tate. *T.R.S. S.A.*, p. 42.

Hab.—The same as the preceding species.

Obs.—We have reasons for believing that the shell of the male is very much smaller than that of the female, and investigations of the molluscs may result in a reduction of the number of specific names.

BITTIUM LAWLEYANUM, Crosse.

1863. *Bittium lawleyanum*, Crosse. *Jour. de Conch.*, p. 87, pl. 1, f. 4.

1887. *Bittium lawleyanum*, Tryon. *Man. Conch.*, vol. ix., p. 154, pl. 30, f. 5.

Hab.—Same as preceding.

BITTIUM INSCULPTUM, Sowerby.

1865. *Cerithium insculptum*, Sowerby. In Reeve's *Conch. Icon.*, vol. xv., pl. 18, f. 128.

1866. *Cerithium insculptum*, Sowerby. *Thes. Conch.*, vol. iii., pl. 290, f. 332.

Hab.—Same as preceding.

Obs.—Tryon unites this with *B. lawleyanum*, but we are unable to agree with him.

BITTIUM ESTUARINUM, Tate.

Bittium pyramidale, Tate, m.s.

1878. *Bittium estuarinum*, Tate. *T.R.S. S.A.*, p. 190, pl. 1, f. 12.

Hab.—Same as preceding.

Obs.—We think an extended series of specimens may result, in uniting this with *B. insculptum*.

BITTIUM ICARUS, Bayle.

1855. *Cerithium tenue*, Sowerby (non. Deshayes). *Thes. Conch.*, vol. ii., p. 876, pl. 184, f. 212 (on the plate in error numbered 202).

1865. *Cerithium tenue*, Reeve. *Conch. Icon.*, vol. xv., pl. 18, f. 130.

1880. *Cerithium icarus*, Bayle. Jour. de Conch., p. 249.

1887. *Cerithium icarus*, Tryon. Man. Conch., vol. ix.,
p. 138, pl. 26, f. 83, 84.

1894. *Bittium variegatum*, Brazier. P.L.S. N.S.W., p.
172, pl. 14, f. 9.

Hab.—Flinders, San Remo, Western Port ; Portsea, Port Phillip.

BITTIUM MINIMUM, T. Woods.

1879. *Bittium minimum*, T. Woods. P.R.S. Tas., p. 35.

Hab.—Same as preceding.

Genus *Cerithiopsis*, Forbes and Hanley, 1853.

CERITHIOPSIS CROCEA, Angas.

1871. *Cerithiopsis crocea*, Angas. P.Z.S. Lond., p. 16,
pl. 1, f. 13.

1877. *Cerithiopsis purpurea*, Angas. *Id.*, p. 36, pl. 5,
f. 7.

1875. *Cerithiopsis atkinsoni*, T. Woods. P.R.S. Tas.,
p. 139.

1876. *Cerithiopsis albosutura*, T. Woods. *Id.*, p. 140.

1887. *Cerithiopsis (Seila) crocea*, Tryon. Man. Conch.,
vol. ix., p. 175, pl. 36, f. 66.

1887. *Cerithiopsis (Seila) crocea*, var. *purpurea*, Tryon.
Id., f. 67.

Hab.—Port Phillip ; Western Port.

Obs.—The type was described as having 14 whorls ; length, 10 mm. We have before us a decollated specimen that must have attained to a very large size, as there are only 8 whorls remaining, and its present length is 17 mm.

CERITHIOPSIS, sp.

Hab.—Hobson's Bay, Port Phillip.

Obs.—We have only one specimen ; it is of distinct character, but the outer lip is slightly imperfect, and we desire to obtain other specimens before describing and figuring it.

CERITHIOPSIS ANGASI, O. Semper.

1871. *Cerithiopsis clathratus*, Angas (non Menke). P.Z.S.
Lond., p. 61, pl. 1, f. 12.

1874. *Cerithiopsis angasi*, O. Semper. Catalogue v.,
Museum Godeffroy, p. 108, No. 6882.

1879. *Bittium turbonilloides*, T. Woods. P.R.S. Tas.,
p. 39.

1887. *Cerithiopsis angasi*, Tryon. Man. Conch., vol. ix.,
p. 172, pl. 36, f. 49.

Hab.—Western Port.

Genus *Potamides*, Brongniart, 1810.

POTAMIDES EBENINUS, Bruguiere.

Potamides ebeneum, Bruguiere. Encycl. Meth.,
pl. 442, f. 1, *a, b*.

Potamides ebeninus, Bruguiere. Dict. No. 26.

1834. *Cerithium ebeninum*, Quoy and Gaimard. Astrolabe,
vol. iii., p. 123, pl. 55, f. 1-3.

1855. *Cerithium ebeninum*, Sowerby. Thes. Conch.,
vol. ii., p. 885, pl. 185, f. 267.

1866. *Potamides ebeninus*, Reeve. Conch. Icon., vol. xv.,
pl. 1, f. 2, *a, b*.

1887. *Potamides ebeninus*, Tryon. Man. Conch., vol. ix.,
p. 138, pl. 31, f. 31.

Hab.—Malacoota Inlet (Worcester).

POTAMIDES AUSTRALIS, Quoy and Gaimard.

1834. *Cerithium australe*, Quoy and Gaimard. Astrolabe,
vol. iii., p. 131, pl. 55, f. 7.

1855. *Cerithium australe*, Sowerby. Thes. Conch., vol. ii.,
p. 884, pl. 185, f. 266.

1866. *Lampania australis*, Reeve. Conch. Icon., vol. xv.,
pl. 1, f. 4, *b*.

1886. *Potamides (Lampania) australis*, Tryon. Man.
Conch., vol. ix., p. 166, pl. 34, f. 99, 100.

1886. *Cerithium (Lampania) australe*, Watson. Chall.,
vol. xv., p. 536.

Hab.—Port Phillip; Western Port.